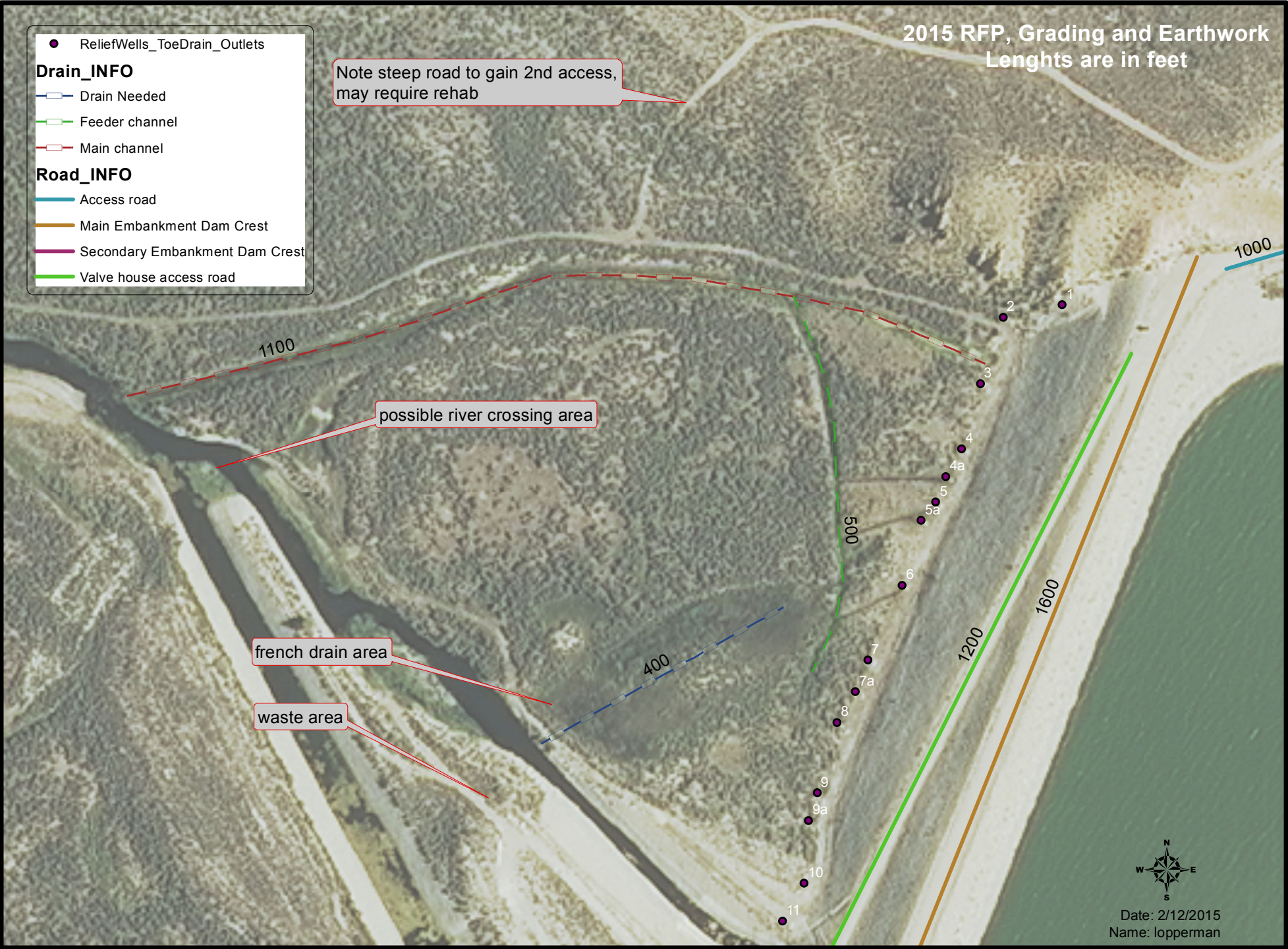


# Basic Estimates of Roadway and Channel lengths at South Fork Dam

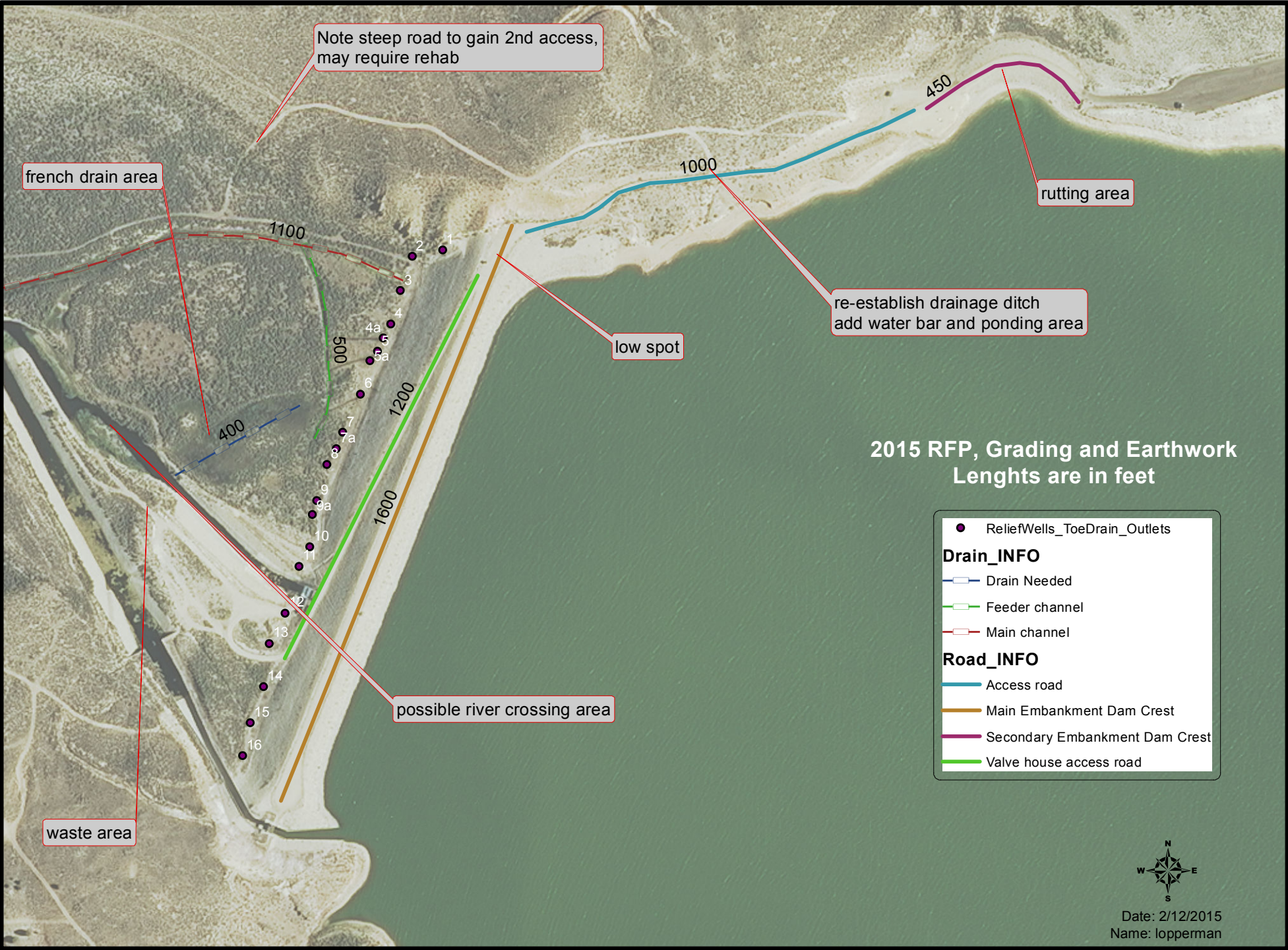
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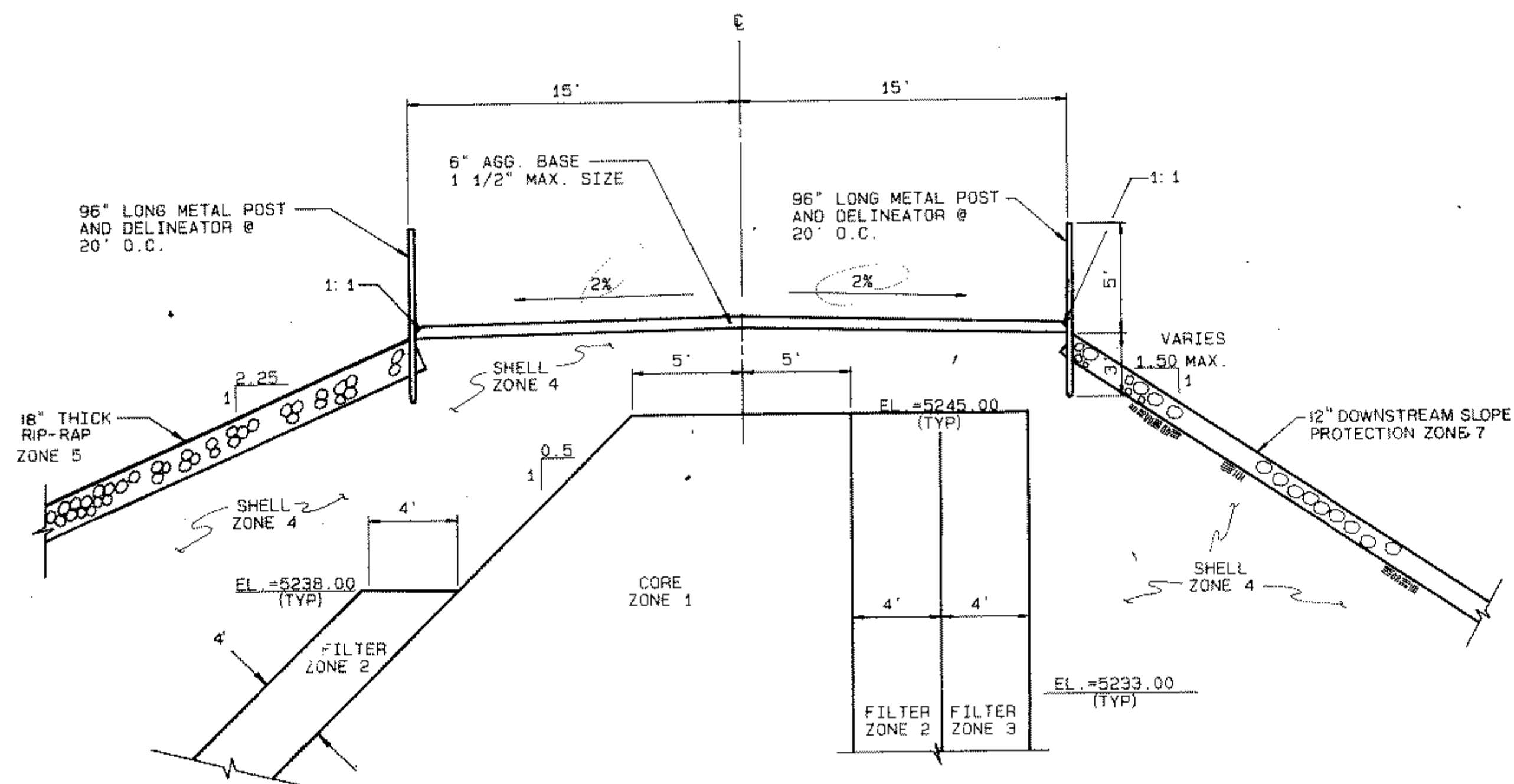




# Basic Estimates of Roadway and Channel lengths at South Fork Dam

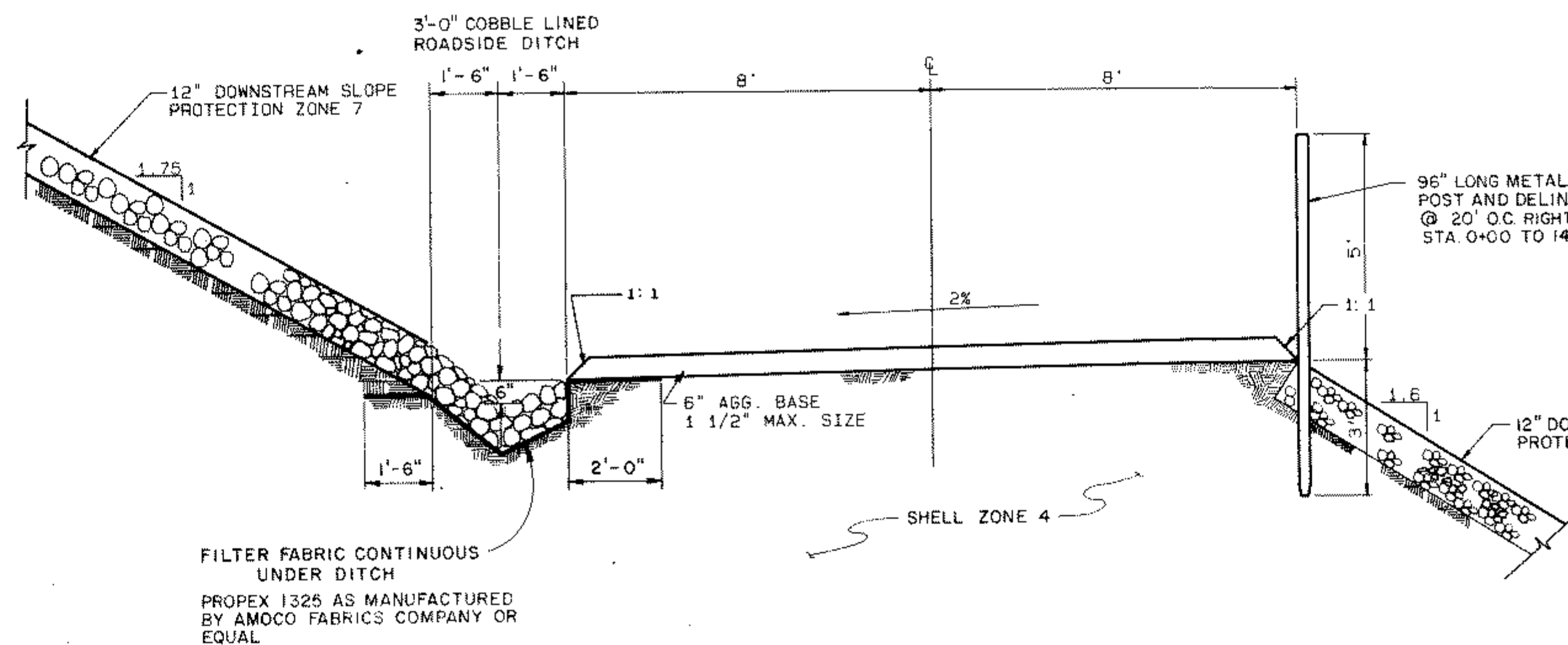
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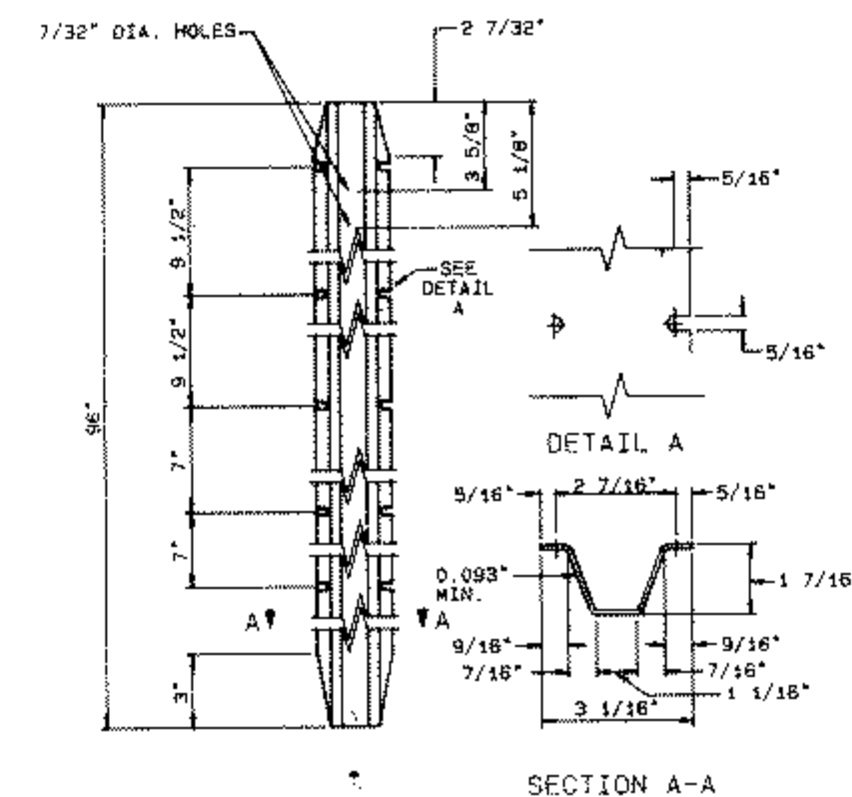


TYPICAL DAM CREST AND ROAD SECTION

SCALE: 1"=4'

1  
D.10TYPICAL SECTION  
LOWER DAM ACCESS ROAD

SCALE: 1"=2'

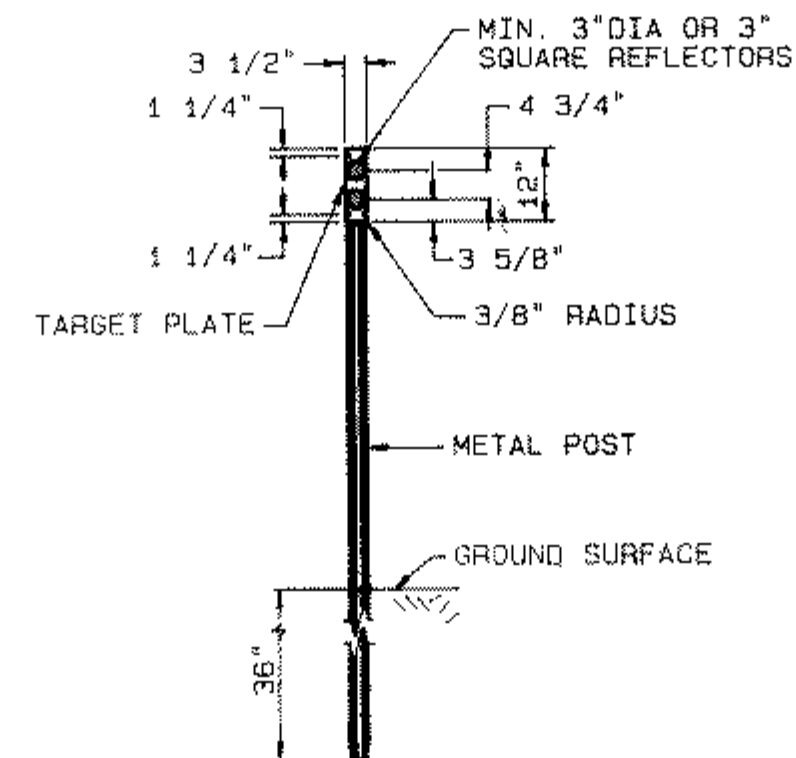
2  
D.10

METAL POST DETAIL

NTS

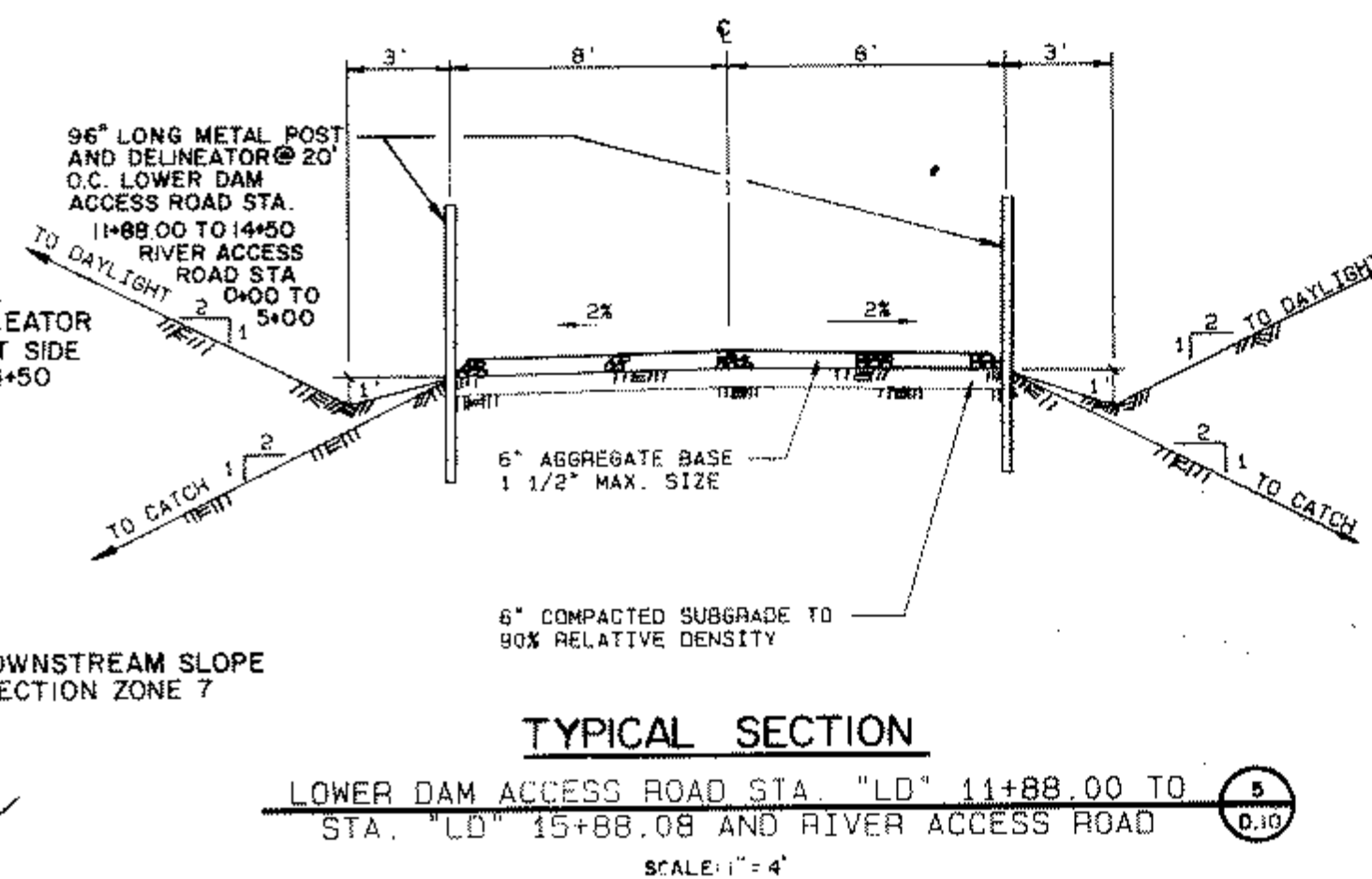
3  
D.10

METAL POST TO BE AS SHOWN EXCEPT THAT MINOR VARIATIONS IN DESIGN AND DIMENSIONS WILL BE PERMITTED TO MEET MANUFACTURERS STANDARDS.



DELINEATORS

NTS

4  
D.10

TYPICAL SECTION

LOWER DAM ACCESS ROAD STA. "LD" 11+88.00 TO STA. "LD" 15+88.08 AND RIVER ACCESS ROAD

SCALE: 1"=4'

5  
D.10

CHILTON ENGINEERING

CHARTERED

C

LAND SURVEYING

ENGINEERING

ELKO

RENO

LAS VEGAS

ELKO

MAIN DAM ROADWAY DETAILS

SOUTH FORK RECREATIONAL PROJECT  
FOR  
ELKO COUNTY RECREATION BOARD, ELKO COUNTY, NEVADA

SHEET NO.

D.10

89

JOB NO. 4074

DATE 9/6/85

DRAWN BY RTO/SPH

APPROVED BY M.E. DAVIS

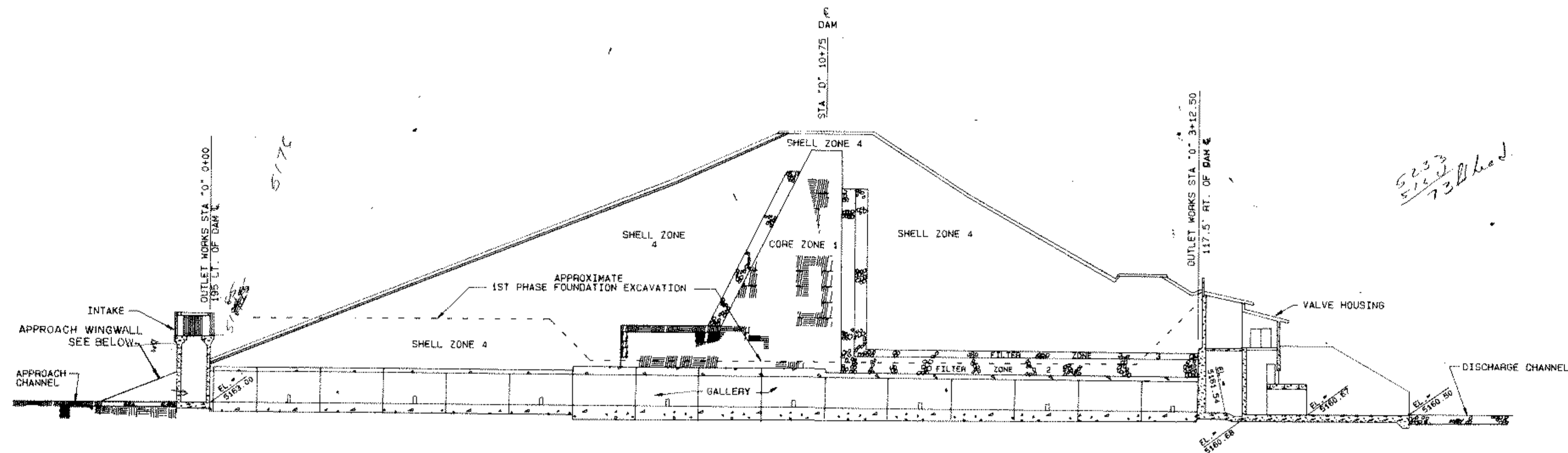
NO. BY DATE

DESCRIPTION

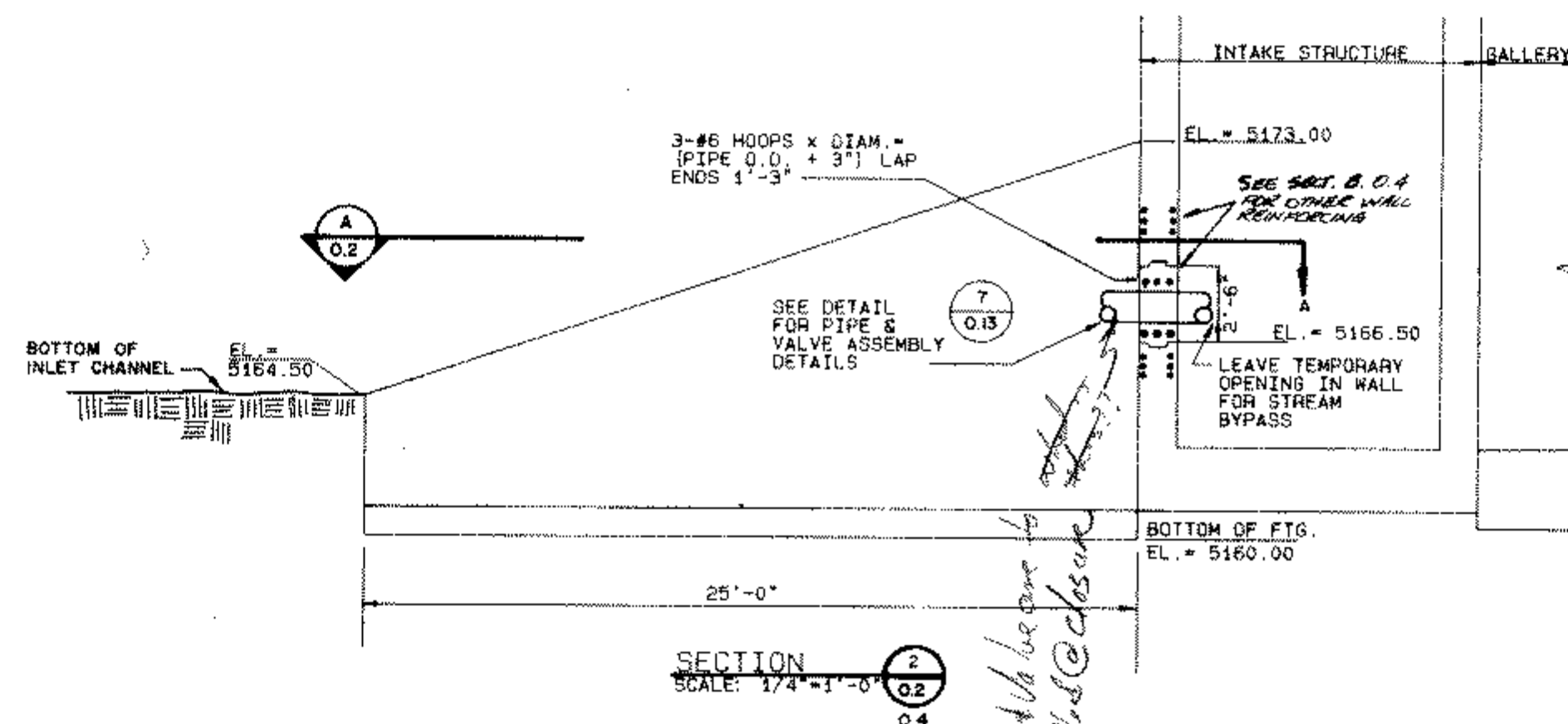
REVISIONS

CHD MPD



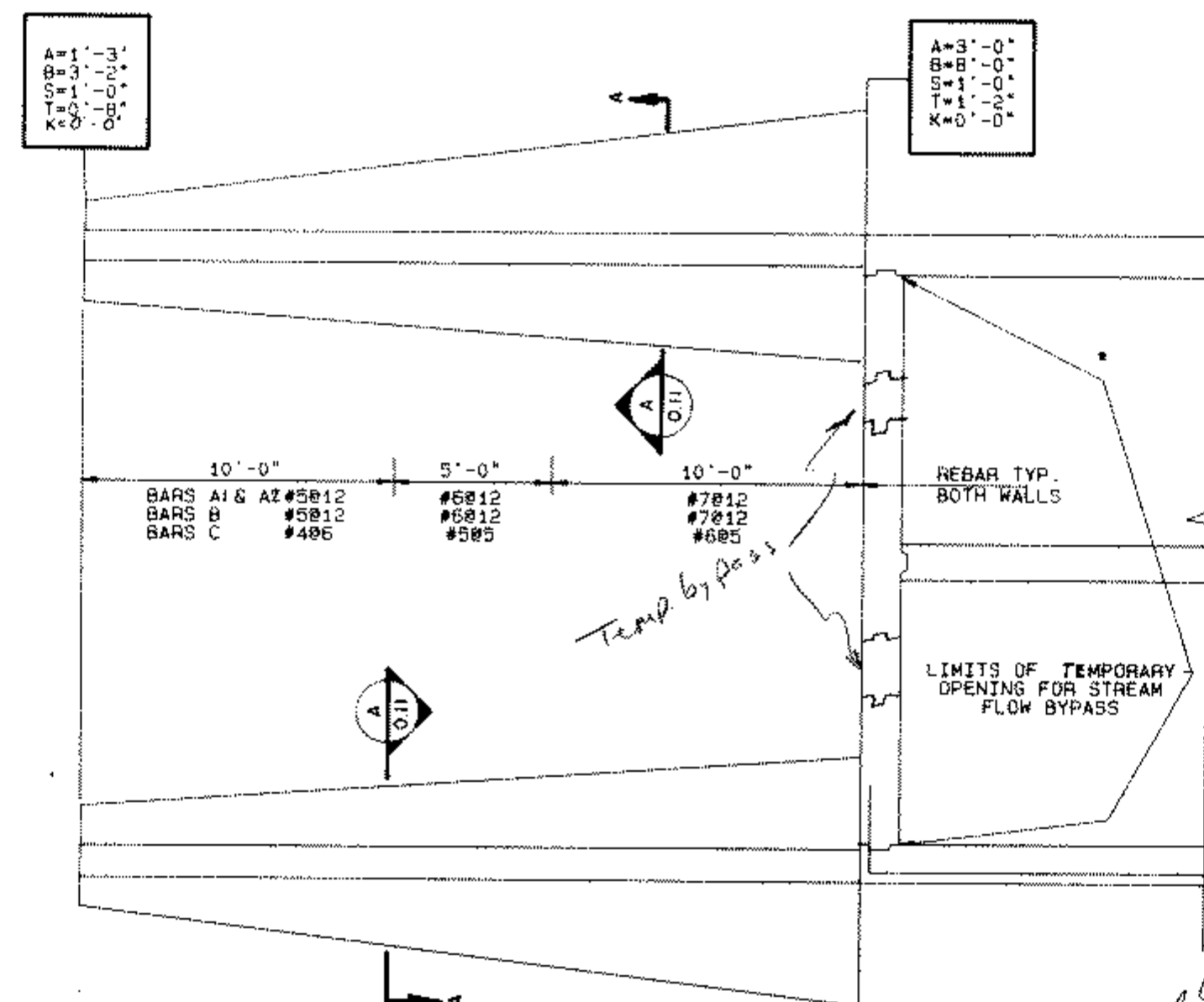


OUTLET WORKS SECTION I  
SCALE: 1"=20'



#### NOTES FOR TEMPORARY BYPASS OPENING

1. CONSTRUCTION KEY SHALL BE PLACED IN ALL WALLS AS SHOWN. KEY SHALL BE 1 1/2" x 5 1/2" x CONTINUOUS.
2. PRIOR TO POURING THE FINAL CLOSURE PLUG ALL EXPOSED REBAR AND THE EDGES OF THE CONSTRUCTION JOINT SHALL BE SANDBLASTED TO REMOVE ALL CORROSION, DEBRIS, OR FOREIGN MATERIAL.
3. HOLE SHALL BE CLOSED WITH SUITABLE FORM WORK HAVING FOUR CHUTES AND VENTS.
4. HOLE SHALL BE FILLED WITH A NON-METALLIC, NON-SHRINK GROUT SUCH AS MASTERBUILDERS-MASTER FLOW 713.



SECTION A-A  
SCALE: 1/4"=1'-0"

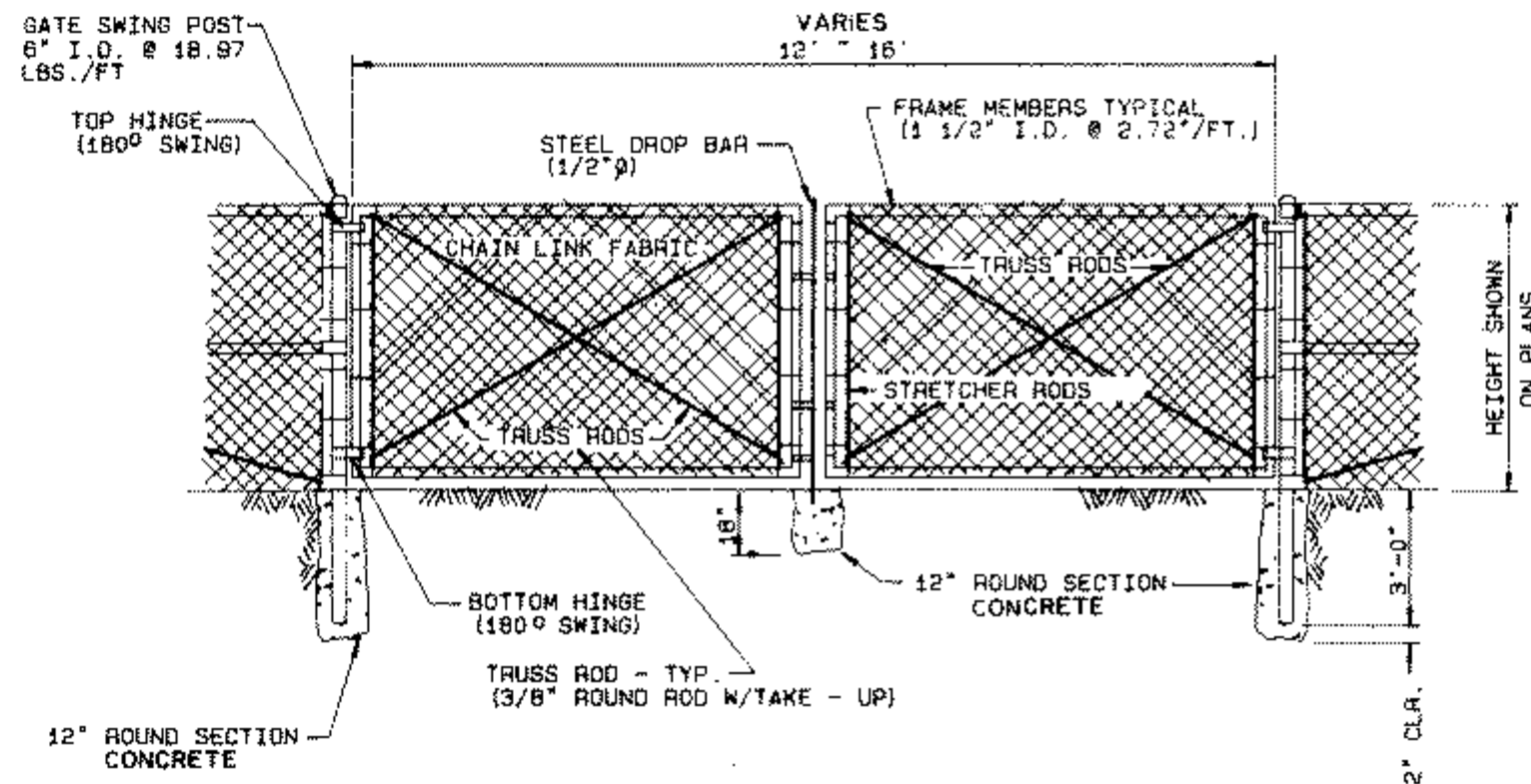
$Q = 0.047 \frac{H^2}{L}$   
 $L = 8.5$   
 $Q = 0.27$   
 $Q = 0.12$   
 $H = 5.26$

CHILTON ENGINEERING  
CHARTERED  
CIVIL ENGINEERS  
LAND SURVEYORS  
ENGINE MANAGERS  
ELIOT LAS VEGAS  
ELIOT

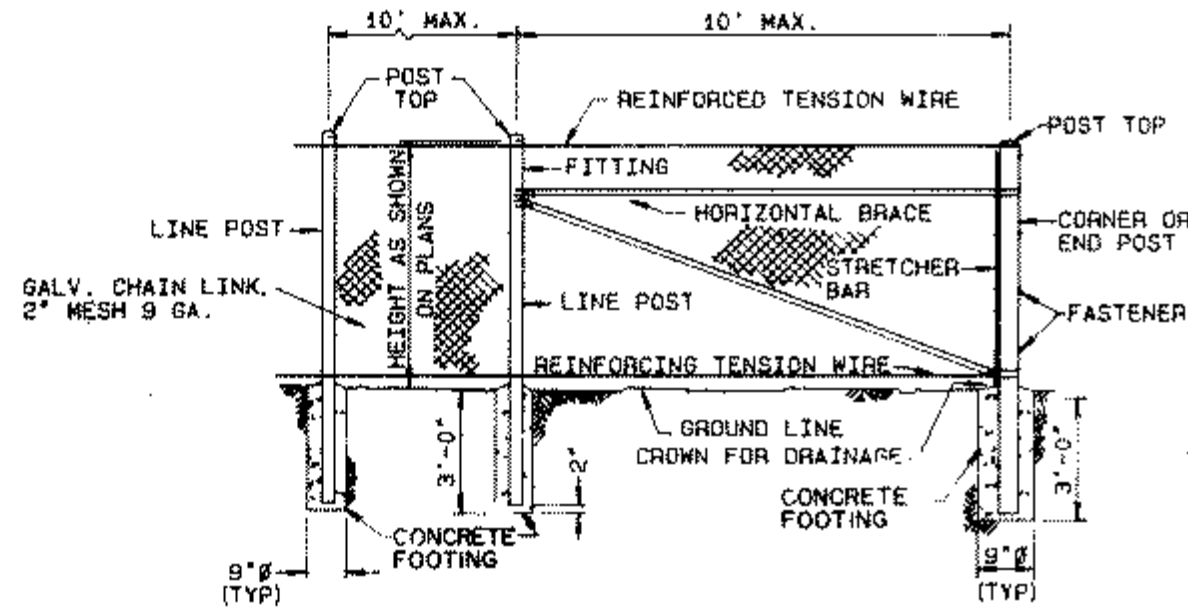
OUTLET WORKS  
SECTION AND GENERAL NOTES  
SOUTH FORK RECREATIONAL PROJECT  
ELIOT COUNTY RECREATION BOARD, ELIOT COUNTY, NEVADA

0.2

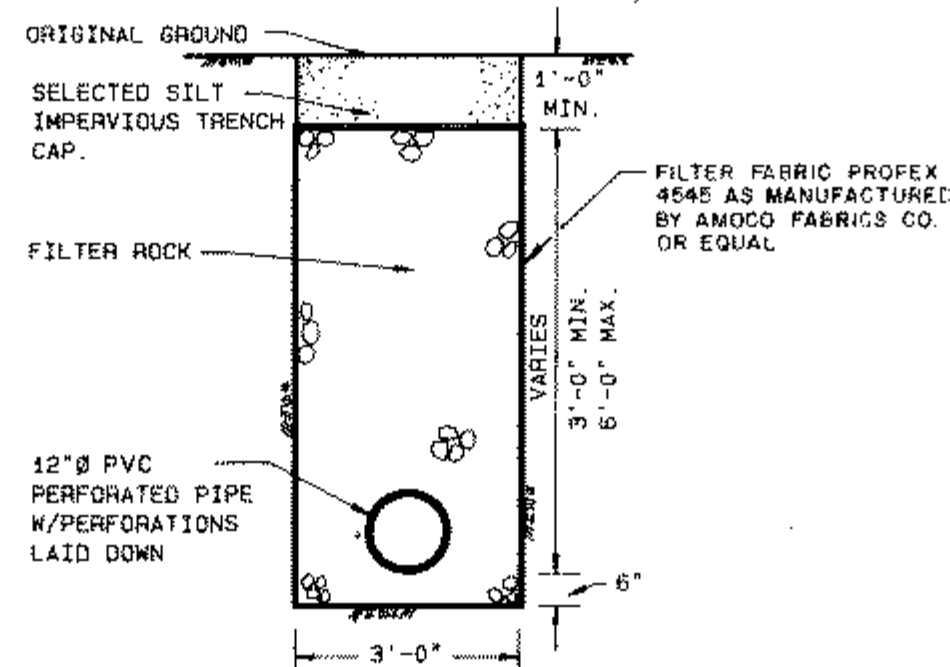
89



**DOUBLE SWING GATE**  
N.T.S. (D.11)



**CHAIN LINK FENCE DETAIL**  
N.T.S. (D.11)



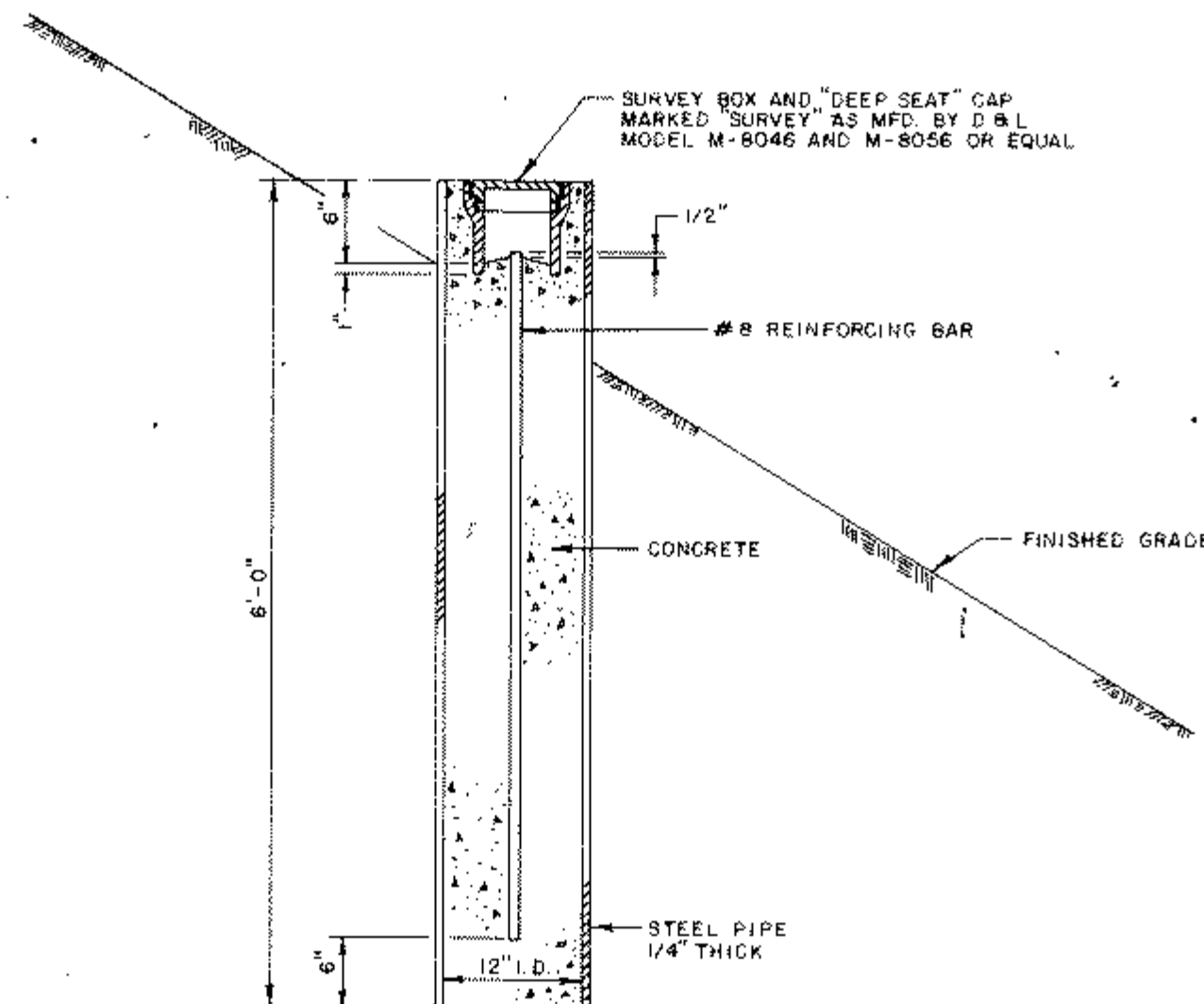
**TYPICAL TOE DRAIN TRENCH**  
N.T.S. (D.11)

**NOTES:**

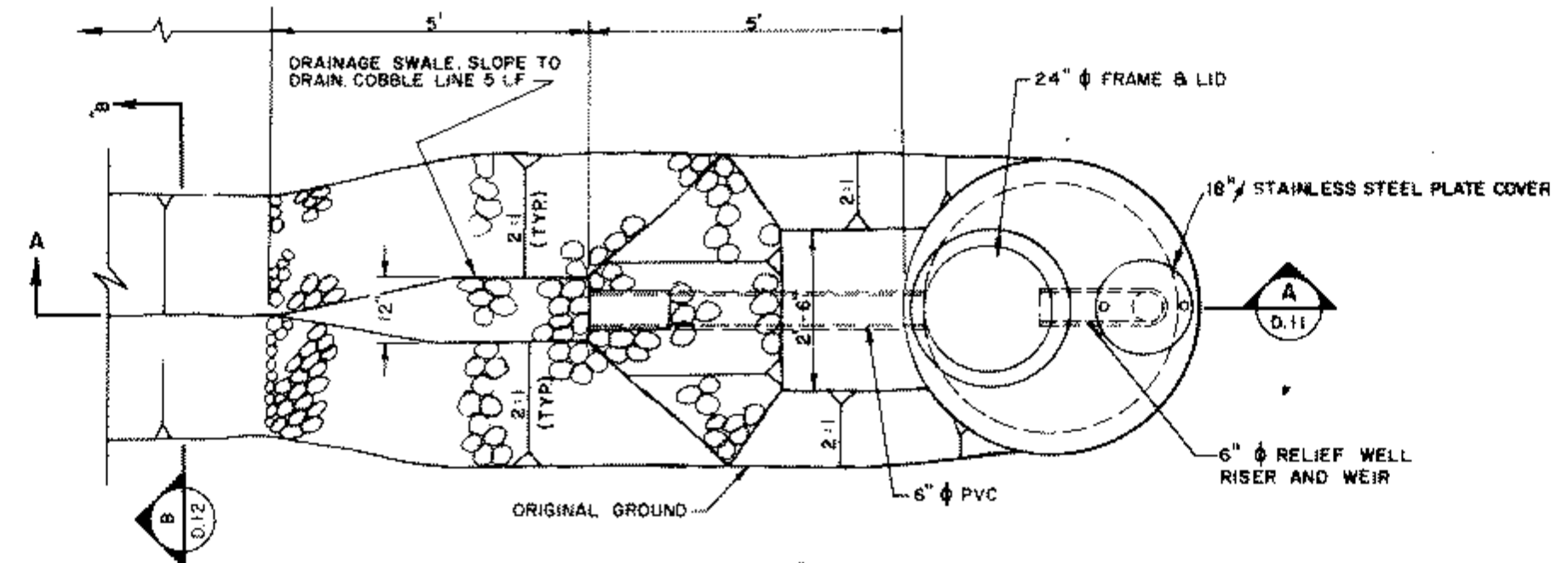
1. FENCING SHALL BE CHAIN LINK AND SHALL CONSIST OF GALVANIZED CHAIN LINK FABRIC ON STEEL POST.
- (a) ALL POST TOPS SHALL BE FITTED WITH SUITABLE FINIALS.
- (b) BRACES SHALL BE SPACED APPROXIMATELY 12\"/>

**TABLE 1**

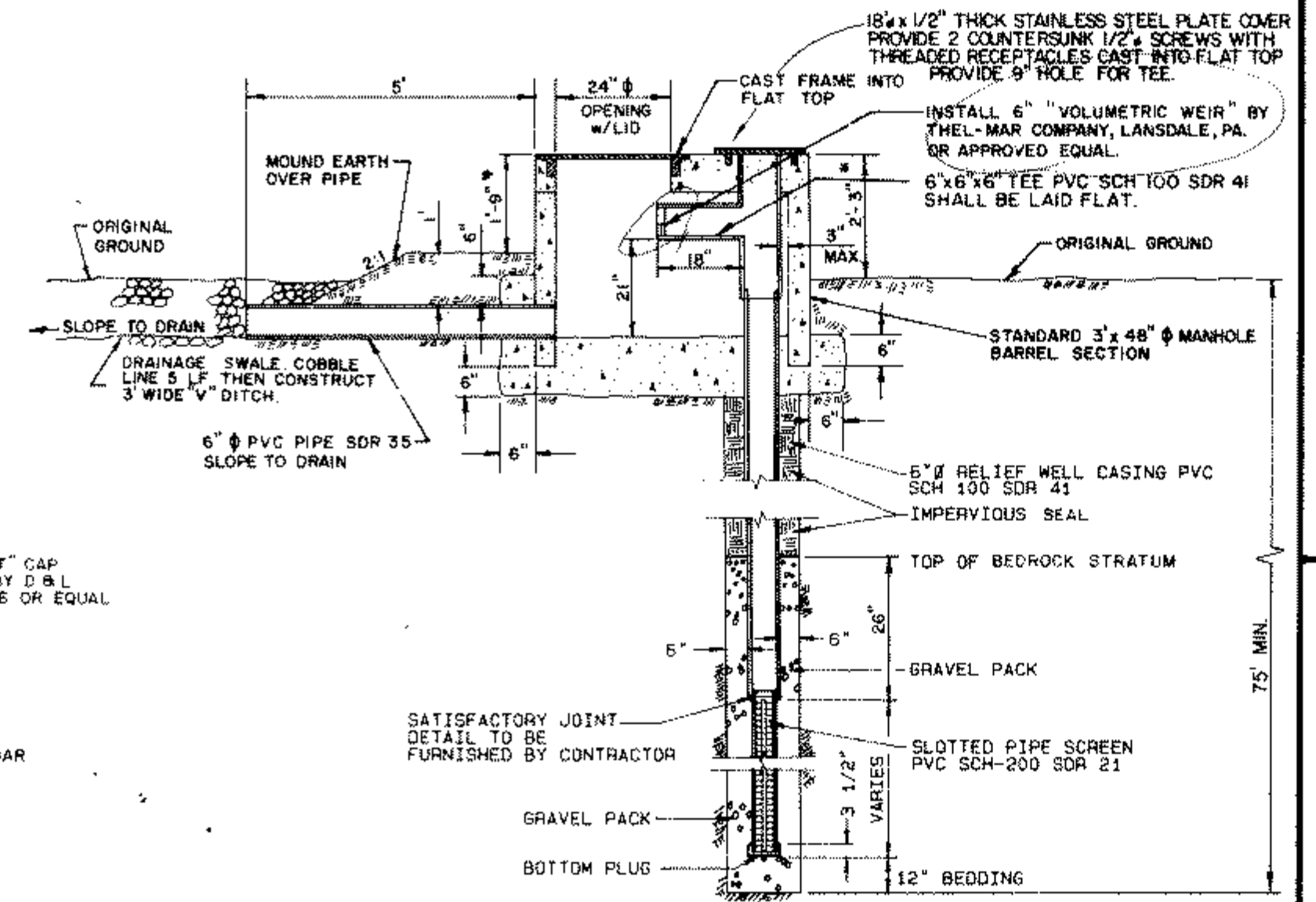
LOCATION	FOR CHAIN LINK FENCE ALL HEIGHTS	
	MIN. SIZE	MIN. WEIGHT (#/FT.)
END, CORNER AND PULL	2.50 I.D.	5.79
LINE	2.00 I.D.	3.65
BRACES	1.25 I.D.	2.27



**SURFACE SETTLEMENT AND LATERAL DISPLACEMENT MONUMENT**  
SCALE: 1\"/>



**RELIEF WELL PLAN VIEW**  
SCALE: 1\"/>



**TYPICAL RELIEF WELL**  
SCALE: 1\"/>

\* DIMENSION WILL VARY FOR RELIEF WELLS NO. 10 & 11 DISCHARGE FROM THE RELIEF WELL (VOLUMETRIC WEIR INSTALLATION) SHALL BE INSTALLED NEAR ORIGINAL GROUND. INSTALL EXTRA MANHOLE BARRELS (WITH LADDER RUNGS FOR DEPTHS GREATER THAN 4 FEET) TO MAKE UP THE HEIGHT DIFFERENCE BETWEEN FINISHED GRADE AND ORIGINAL GROUND.



**CHILTON ENGINEERING**  
CHARTERED  
CIVIL MECHANICAL LAND SURVEYING ENERGY MANAGEMENT  
LAS VEGAS  
ELKO  
RENO

**RELIEF WELL AND TOE DRAIN DETAILS**  
FOR  
SOUTH FORK RECREATIONAL PROJECT  
ELKO COUNTY RECREATION BOARD, ELKO COUNTY, NEVADA

SHEET NO.  
**D.11**